LOCATE WITH X

AVERAGE READING

SHARE DEPARTMENT

INDUSTRIAL HYGIENE

HEAT STRESS EVALUATION

PLAINTIFF'S EXHIBIT

UC-1842

DATE 8/27/80

LOCATION: Outside areas of Brownsville plant with no solar load (shade) and high wind (normal) speed (10-12 MPH)

DATA:

DRY BULB	91.2 °F	AMBIENT AIR VELOCITY	950 FPM
WET BULB	74.4 °F	AIR VELOCITY CORRECTION	---- FPM
GLOBE	93.0 °F	EFFECTIVE AIR VELOCITY	950 FPM

METABOLIC RATE FOR ASSUMED WORK RATE -- BTU/HR.

RESULTS:

WBGT INDEX	80.0
RELATIVE HUMIDITY	%
NORMAL EFFECTIVE TEMPERATURE	°
E.T. CORRECTED FOR RADIATION	°
HEAT STRESS INDEX (H.S.I.)	

REMARKS:

RECOMMENDATIONS:

BRE 0314